

# AKAI PROFESSIONAL MUSICAL INSTRUMENTS CATALOG/1988 ~ 1989



DIGITAL SAMPLER/ANALOG SYNTHESIZER/DRUM EXPANDER/  
MIDI CONTROLLER/SEQUENCER/DRUM MACHINE/EFFECTORS/  
MULTI TRACK RECORDER/MIXER/ MONITOR SPEAKER/  
COMPACT SERIES/ACCESSORIES

**AKAI** *professional*

DISPLAY  
CONTRAST



MIDI STEREO DIGIT



**AKAI**  
*professional*

# DIGITAL SAMPLER ANALOG SYNTHESIZER DRUM EXPANDER



## S1000 MIDI STEREO DIGITAL SAMPLER

*A Studio Quality 16 Bit Stereo Sampler with a Large Graphic Display for Easy and Powerful Editing*

Capture the real image of any sound source with this new high performance machine. The S1000 can record up to 95 seconds of full bandwidth mono sampling using a 44.1kHz sampling rate and the optional 8 Megabyte RAM expansion. The S1000 is an advanced, no-compromise design featuring the highest attainable 16 bit stereo sound quality, standard 2 Megabytes of RAM (23 seconds of full bandwidth mono sampling), visual editing on a large silver and blue graphic display, and hard disk and digital audio interface options. The large rotary cursor and data dials, function keys, graphic display, and intelligent design make the S1000 by far the most powerful and easy to operate sampler ever designed.

**<S1000 FEATURES>** • 16 bit linear sampling, 44.1kHz/22.05kHz sampling frequency, 20Hz~20kHz frequency response for pure natural sound. • 2 Megabytes of memory (standard) expandable up to 8 Megabytes with up to 3 optional EXM005 boards. • Max. of up to 200

samples and 100 programs (max. samples+programs+key group=400) • Max. sampling time with 2 Megabytes of RAM is 47.52sec. (monorail, 22.05kHz sampling frequency). By adding up to 3 EXM005 memory boards, sampling time can be expanded up to 4 times (3min., 10sec.). • 16 voices. Each voice can be assigned a MIDI CH. and an OUTPUT allowing the S1000 to be used as a 16 voice multi-sound generator. Several different MIDI modes are supported. • 8 point multilooping, cross fade looping, and auto looping functions installed. • Large graphic display for easy editing. • 4 different internal wave shapes (sine, triangle, sawtooth, and pulse) for synthesis. • MIDI monitor function. • Optional ATARI™ hard disk interface board IB-102, SCSI interface board IB-103, and digital audio interface IB-104. • Large 320 character graphic display for easy operation. • Front Panel Connectors: REC IN CANNON×2 (L ch., R ch.), PHONE×2 (L ch., R ch.)/Rear Panel Connectors: STEREO OUT×2 (L ch., R ch.), EFFECT SEND×1, ASSIGNABLE MIX OUT×8, STEREO HEADPHONE×1, EFFECT RETURN×2 (L ch., R ch.), FOOT SWITCH×1, MIDI IN×1, MIDI OUT×1, MIDI THRU×1 • Dimensions: 482.6(W)×132.6(H)×425(D) mm (EIA 3U rackmount) • Weight: 9.5kg • Accessories: SL1001~1004



## S1000HD MIDI STEREO DIGITAL SAMPLER

A 40 Megabyte hard disk version for large data storage capacity. The hard disk gives you the ability to quickly download sounds from a large selection of the S1000's high quality library of sounds.

**<S1000HD FEATURES>** • 40 Megabyte internal hard disk for large capacity data storage. Enhances the S1000's capabilities and operation. • Dimensions: 482.6(W)×132.6(H)×425(D) mm (EIA 3U rackmount) • Weight: 11.5kg



## S1000PB MIDI STEREO DIGITAL SAMPLER

S1000PB is a playback only version with the same impressive specifications as the S1000. It includes a number of program editing functions, a large 320 character display, etc. It is fully compatible with the S1000 professional library of sounds.

**<S1000PB FEATURES>** • Reproduce-only version of the S1000 with complete editing functions. Fully compatible with the S1000 library of 16-bit high quality sounds. • Dimensions: 482.6(W)×132.6(H)×425(D) mm (EIA 3U rackmount) • Weight: 9.5kg

## S950

### MIDI DIGITAL SAMPLER

*An Upgraded Version of the Popular S900 Offering Astonishing Sound Quality and Performance*

The S900 sampler has been the definitive standard among musicians worldwide for its astounding sound quality and its fast and simple operation. The S950 continues on in the same tradition bringing all of the basic functions and operational control of the S900 while adding expanded memory and an increased sampling rate. The new upgraded S950 with its advanced capabilities and specifications meets the needs of a new sampling era.



**<S950 FEATURES>** • 12 bit linear sampling (sampling frequency 7.5kHz~48kHz). • 8 voices. • 750k bytes of memory (standard) expandable up to 2.25 Megabytes with up to 2 optional EXM006 memory boards. • Selectable 2HD/2DD disk drive. Full compatibility with existing S900 sound library disks. • Filter envelope, pre-trigger recording, cross fade looping, and additional functions to facilitate dynamic sound expression. • Load disks while playing for effective live performance use. • Time stretch function. • Front Panel Connectors: MIC INPUT×1,

*Stand out in the Digital Era  
with the Rich Warm Sound  
of Matrix Analog Synthesis*

## VX600

### PROGRAMMABLE MATRIX SYNTHESIZER

The VX600 is a 6 voice 37 key analog synthesizer featuring the traditional concept of modular patching. Two VCOs/voice give you the thick rich sound of analog synthesis to create lush warm string sections, full round "fat" bass lines, enhanced vocal and rhythm sections, powerful crisp brass sections, and eerie SFX sounds. Patch programs are stored in a memory program. Each program can have a maximum of 6 key group splits with each key group having its own library sound "patch", MIDI channel, and voice allocation. Up to 40 different program combinations can be stored in memory. A special code memory function allows you to play an entire 6 instrument stack from one key. And a dedicated connector jack allows direct connection to the EVI1000 and EWI1000 wind synthesizers. The VX600 combines rich warm analog sounds with the advanced performance control of digital technology to create a powerful new dimension in analog synthesis.



**<VX600 FEATURES>** • 6 voices, 2 VCOs/voice, 37 keys. • Matrix modulation allows maximum patching flexibility. Each sound library patch contains VCO 1 (FREQ/PW), VCO 2 (FREQ/PW), VCO 1/2 (FREQ.), CUT OFF, RESONANCE, FM DEPTH, HI PASS, VCA AMP, LFO 1 (SPEED/DEPTH), LFO 2 (SPEED/DEPTH), OSC BALANCE. Controllers consist of EG1, EG2, EG3, LFO 1, LFO 2, VELOCITY, PRESSURE, VOLUME PEDAL, MIDI BEND, MIDI MODULATION, MIDI CONTROL CHANGE, KEY GATE, EWI/EVI BREATH, EWI/EVI VIBRATO, EWI/EVI BEND, EWI/EVI GLIDE. • Internal memory capacity: 50 sound library patches, 20 code memories, 40 programs, 10 packets. • External memory: 16K IC memory card, BR-16 (2 banks). • Each program has 6 key groups, and each key group can be assigned a library sound, voice allocation setting, tuning, transposition, volume, and MIDI channel. • Normal polyphonic mode (POLY/6), 6 unison, multi-sound stack (MONO/6), Multi-timbral mono (MONO/1) for six independent mono voices. • Selections from the program or code memory can be prioritized and stored as a PACKET. • 13 pin Din connector with 6 individual voice outputs (VOICE OUT). • Dedicated connector for direct interfacing to the EVI1000 and EWI1000 wind synthesizers. • Connector jack: MIDI IN×1, MIDI OUT×1, MIDI THRU×1, INST×1, EXT IN×1, VOICE OUT×1, LINE OUT×1, PROGRAM UP/DOWN×1, PEDAL×2 • Dimensions: 602(W)×115(H)×350(D) mm • Weight: 8.4kg



## XE8 DRUM EXPANDER

*Harness the Digital Dynamic Clarity of A Professional  
Rhythm Section*

The 16 bit digital sound quality of the XE8 allows you to precisely recreate the crisp and clear dynamic attacks of real acoustic percussion. The XE8 provides you with 16 stunning ROM resident percussive sounds. In addition, you can simultaneously select any sounds from either of two library cards. These sounds can then be edited and tailored to blend perfectly with your music. And up to 8 voices can be played simultaneously in the multi-mode. The XE8 is an electrifying percussive tool that can be used as a sound generator or as a complete sequence driven electronic drum kit to expand MTR tracks.

**<XE8 FEATURES>** • 8 voices • 16 internal ROM sounds. Two IC memory cards, SL801R and SL802R as a standard accessory. • Select any 16 sounds from the 16 internal sounds and/or from the external sounds (two IC cards). All selected sounds can be assigned various parameters such as a MIDI channel, MIDI note, range, tune sweep, decay, reverse, etc. The edited program can then be stored in memory. • Internal memory capacity: 16 sounds, 32 programs. • 8 individual outputs and a mix output give you versatile mixing flexibility. • Connectors: EXTERNAL CARD IN×2, PHONE IN×1, MIX OUT×1, INDIVIDUAL OUT×8, MIDI IN×1, MIDI OUT×1, MIDI THRU×1 • Dimensions: 482.6(W)×47.7(H)×308.2(D)mm (EIA 1U rackmount) • Weight: 3.6kg

LINE INPUT×1, REC/PB TRIGGER×1 • Back panel: MIDI IN×1, MIDI OUT×1, MIDI THRU×1, INDIVIDUAL OUT×8, MIX OUT×1, LEFT×1, RIGHT×1, VOICE OUT×1, RS-232C • Dimensions: 482.6(W)×132.6(H)×425(D) mm (EIA 3U rackmount) • Weight: 10.4kg • Accessories: SL581~583, Operation guide disk.



### SOUND LIBRARY

SL1001~ FOR S1000  
SL501~SL583 FOR S900

SL701~SL719 FOR S700,X7000  
SL201~SL207 FOR S612,S700,X7000  
SL801R~ FOR XE8



# MULTI TRACK RECORDER MIXER MONITOR SPEAKER

## MG1214

12 CHANNEL MIXER/14 TRACK RECORDER



### The Convenient Combination Multitrack and Mixer

The MG1214 channel mixer/14 track recorder has a sync track and a dedicated control track making it especially suited for use with SMPTE and synchronization with MIDI instruments. The MG1214 is built around state-of-the-art technology

and is designed to provide maximum flexibility with minimum hassles. The recording process has been greatly simplified with features such as push-button patch routing and computer-assisted controls bringing the spontaneity back into the art of making music.

<MG1214 FEATURES> • Uses 1/2 inch AKAI original cassette tape (MK20). • Two tape speeds: 19cm/sec. and 9.5cm/sec. A  $\pm 12\%$  pitch control is available. • Recording time: 10 min. (19cm/sec.) or 20 min. (9.5cm/sec.). • dbx type I assures professional sound quality. • Mixer input module functions include: input selector, input trim, 3 stage parametric equalizer, 2 line A/B independent effect send, track level, level indicator, etc., (numerous functions allow for flexible sound mixing). • Computer-controlled auto locator allows auto punch in/out, auto PB mute, auto repeat, auto memory, memory search, etc. • Programmable channel track selector makes patching between the mixer and the recorder fast and simple. • Dimensions: 856 (W) x 205 (H) x 752 (D) mm • Weight: 42kg

## MG14D

RACKMOUNTABLE 14 TRACK RECORDER

## ML14

AUTO LOCATION SYSTEM FOR MG14D



### The Perfect Choice for Multitrack Studio Work

MG14D is a 14 track rackmountable tape recorder based on the recorder section of the MG1214 with a dedicated sync and control track which make it suited for use with SMPTE and synchronization with MIDI devices. Its ability to lock up with SMPTE time code makes this flexible compact multitrack also useful as a production tool for video, film, and sound effects assembly in addition to being a powerful music production tool. Adding the ML14 Auto Locator gives you complete remote control over memory search, auto repeat, punch in/out with precision to 1/10 of a second. Memories in the ML14 will be retained for up to one week.

<MG14D FEATURES> • Uses 1/2 inch AKAI original cassette tape (MK20). • Two tape speeds: 19cm/sec. and 9.5cm/sec. A  $\pm 12\%$  pitch control is available. • Recording time: 10 min. (19cm/sec.) or 20 min. (9.5cm/sec.). • dbx type I assures professional sound quality. Dimensions: 482.6 (W) x 224 (H) x 430 (D) mm (EIA 5U rackmount) • Weight: 23kg

<ML14 FEATURES> • Tape mechanism control: Play, F. Fwd, Rwd Stop, Rec Pause, Cue, Memory search, Anti-Rec • External connectors: D-sub 15 pin (dedicated for MG14D) • Dimensions: 482.6 (W) x 56 (H) x 132 (D) mm (EIA 3U rackmount) • Weight: 2.5kg

## MS200

MONITOR SPEAKER

### A Compact Professional Monitor with Selectable Characteristics.

The MS200 is 2-way speaker system with a 130mm woofer and a 25mm tweeter. Whether in the studio or in the listening room, the MS200 reproduces beautiful sounds without losing the original definition and expression. One of three response settings may be selected (point source, normal, and enhance) to adjust the tonal characteristic.

<MS200 FEATURES> • Speaker system: woofer (13cm cone), tweeter (2.5cm soft dome) • Impedance: 4 $\Omega$  • Input rate: 80W • Maximum input: 200W • Character switch-NORMAL: Woofer and tweeter work together (frequency response is flat)., ENHANCE: Woofer and tweeter work together (upper frequency and lower frequencies are enhanced)., POINT SOURCE: Woofer only. (frequency response is flat). Can be used to check phase. • Frequency range: 50Hz~23kHz (normal, enhance), 50 Hz~12.5kHz (point source). • Dimensions: 175 (W) x 270 (H) x 182 (D) mm • Weight: 3.6kg

## MG614

6 CHANNEL MIXER/4 TRACK RECORDER

### A 6 Channel Mixer/Cassette Recorder with Full Use of 4 Audio Tracks & Simultaneous Sync.

MG614 is a high quality C cassette MTR based after the popular MG1214 and contains a 6 channel audio mixer and a 4 track cassette recorder. The MG614 features a unique system that allows the simultaneous recording and playback of an audio and a sync signal together on track 1. Since audio and sync are recorded on the same track, all four tracks can be used for synchronized recording of MIDI sequence performances or recording of any audio source. You can select from two tape speeds, either the standard 4.75cm/sec. or 9.5cm/sec. for improved high frequency response. The use of dbx type I and the 9.5cm/sec. speed assure the highest quality recordings. The mixer channel inputs include a 2 stage parametric equalizer, two independent effect sends, and line input trim. Channels 5 and 6 have balanced XLR MIC inputs. The MG614 has a number of advanced operating features such as a unique switch matrix patch system that connects channel to track inputs with the simple push of a button. In addition the



MG614 has a built-in auto locator which will perform numerous automated functions bringing a new convenience to personal multitrack recording.

<MG614 FEATURES> • Uses C-cassette CrO<sub>2</sub> tape. • Two tape speeds: 9.5cm/sec., 4.75cm/sec. ( $\pm 10\%$  pitch control variation). • Frequency response: 30Hz~20kHz (9.5cm/sec.), 40Hz~13kHz (4.75cm/sec.). • Recording time: 15 min. (with C-60, 9.5cm/sec.). • Dimensions: 556 (W) x 157 (H) x 470 (D) mm • Weight: 14.5kg

## MPX820

FULLY PROGRAMMABLE 8 CHANNEL MIXER

### Computer-Assisted MIDI Mixer with Unsurpassed Sound Quality

The MPX820 is a programmable eight channel mixer that will store all front panel settings (except trim) into any of its 99 memory locations for instant recall. Each channel input includes a level fader, 3 band equalizer, effect send, pan, monitor, and trim. There are also two auxiliary inputs and a stereo effects return. The fade in time between two different programs is adjustable from 40 msec. to 30sec. Programs can be switched by MIDI, footswitch, tape sync tone, or manually. The MPX820 with its extraordinary mixing capabilities and unmatched sound quality will become an indispensable part of your system whether on stage or in the studio.



<MPX820 FEATURES> • Frequency response: 20Hz~20kHz • Channel EQ/HI: 10kHz  $\pm 15$ dB, MID: 1.5kHz  $\pm 15$ dB, LOW: 100Hz  $\pm 15$ dB • Program/fade time: 40msec.~30sec. • Memory: 99 banks (stores all front panel settings except trim), battery back up, tape interface • Fader length: 60mm • Several MPX820 mixers can be used together with MIDI. Slave MPX820s can change programs along with the master MPX820. • Program data can be stored on audio tape. • Dimensions: 482.6 (W) x 310 (H) x 203 (D) mm (EIA 7U rackmount) • Weight: 10.5kg

## GX912

MASTER MIXDOWN  
CASSETTE DECK

### A High Performance Stereo Cassette Deck for Studio Use

The GX912 has been specially designed to meet the needs of professional studio applications. It features the Super GX-3 Head System which provides extended frequency response and dynamic range and the critical ability to monitor through



the playback head during recording. A Double Tuning Bias System is used which allows you to adjust the high frequency response curve and a Closed Loop Double Capstan ensures optimum tape-head contact. The GX912 gives you precision operation and superb sound needed for the digital era.

<GX912 FEATURES> • Super GX-3 head system. • Frequency response/metal tape: 20Hz~21kHz  $\pm 3$ dB, chrome tape: 20Hz~20kHz  $\pm 3$ dB, normal tape: 20Hz~19kHz  $\pm 3$ dB • S/N: 60dB (metal tape) • Connectors: LINE IN, LINE OUT, PHONES • Dimensions: 482.6 (W) x 105 (H) x 372 (D) mm • Weight: 7.0kg





# COMPACT SERIES

**AKAI COMPACT SERIES—Helping You Develop Songs with Precision.**

- U1** BEAT CALCULATOR
- U2** PROGRAMMABLE RHYTHM TRAINER
- U3** CHROMATIC AUTO TUNER
- U4** PHRASE TRAINER
- U5** TRACKMAN



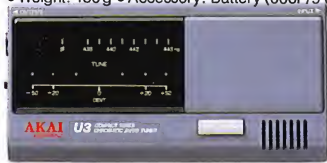
**U1** The music calculator with a metronome and stop watch all in one unit. Calculates tempo, performance time, step entry time, etc. An essential song-writing, composition, and arranging tool.

<U1 FEATURES> • Power-Voltage/Current: 9V/10mA • Battery Type: 006P/9V (DC 9V IN) • Dimensions: 140.5 (W) x 34.5 (H) x 69.0 (D) mm • Weight: 180 g • Accessory: Battery (006P/9V)



**U2** A rhythm trainer that lets you program metronome guides for all types of rhythms from simple to complex. Using the Manual mode and the HIGH and LOW metronome guide patterns you can program metronome guides for complex and polyrhythmic training. A useful and convenient rhythm training tool.

<U2 FEATURES> • Power-Voltage/Current: 9V/10mA • Battery Type: 006P/9V (DC 9V IN) • Dimensions: 140.5 (W) x 34.5 (H) x 69.0 (D) mm • Weight: 180 g • Accessory: Battery (006P/9V)



**U3** A precision tuner that allows you to select any desired tuning reference frequency using a special calibration function. This professional tuner also features a convenient mute function which will mute the input signal at the output allowing you to perform discreet tuning checks on stage.

<U3 FEATURES> • Power-Voltage/Current: 9V/10mA • Battery Type: 006P/9V (DC 9V IN) • Dimensions: 140.5 (W) x 34.5 (H) x 69.0 (D) mm • Weight: 170 g • Accessory: Battery (006P/9V)



**U4** A digital sampler training tool that allows you to record and playback up to 7.3 seconds of source music (i.e. record, tape, etc.). The playback can be continuously repeated and the speed can be varied over an extremely wide 45%~250% range. Best of all, the pitch does not change as the speed is varied. The U4 is a powerful tool for learning flashy solo lines.

<U4 FEATURES> • Sampling resolution: 8 bits • Adjustable playback speed: 45%~250% • Connectors: INPUT/LINE, INPUT INST, DC9V/IN, OUTPUT/LINE OUTPUT/PHONE • Power-Voltage/Current: 9V/10mA • Battery Type: 1.5V AA SUM-3, 1.5V x 6/AC Adaptor (DC 9V, Standard) • Dimensions: 162 (W) x 37.2 (H) x 142.5 (D) mm • Weight: 370 g • Accessories: 1.5V AA (SUM-3, 1.5B) x 6, Mini Stereo Plug Cable x 1



**U5** The AKAI U5 is a completely new portable personal recording tool with a special 4 channel multitrack cassette recorder. The U5 plays back 2 channels from a cassette that has been previously recorded on a standard cassette machine and allows you to simultaneously record another two channels while listening to the playback. A "WalkMacStudio" to go complete with everything but coffee!—the special 4 channel multitrack recorder, effects including echo, chorus, and distortion, a mixer, amplifier, and earphones all in one unit! Take prerecorded rhythm tracks and add vocals with echo and a lead solo with distortion. So give yourself a break today—Now you can "take out" the studio wherever you go.

<U5 FEATURES> • Tape type: C-30~C-60 NORMAL/CrO2 Switchable • Track format: 4 tracks/4 channels • Tape Speed: 4.75cm/sec., +3%~2% and variable pitch control of ±15% • Effects: The Mic input has echo, the INST input has distortion and echo/chorus. • Connectors: MIC IN x 1, INST IN x 2, LINE OUT x 1, EFFECT (Send/Rcv) x 1, HEADPHONE OUT x 2 • External Power: DC 6V • Dimensions: 160 (W) x 95 (H) x 55 (D) mm • Weight: 600 g • Accessories: 1.5V AA Battery x 4, earphone

## FLIGHT CASE

- FC-X60** FLIGHT CASE FOR AX60  
1,075 (W) x 428 (H) x 175 (D) mm
- FC-X80** FLIGHT CASE FOR AX80  
1,100 (W) x 475 (H) x 170 (D) mm
- FC-X73** FLIGHT CASE FOR AX73, MX73  
1,240 (W) x 428 (H) x 175 (D) mm



- FC-X12** FLIGHT CASE FOR MG1212, MG1214  
970 (W) x 855 (H) x 295 (D) mm



## SEMI-HARD CASE

- HC-X70** SEMI-HARD CASE FOR AX73, MX73  
1,215 (W) x 415 (H) x 125 (D) mm
- HC-X80** SEMI-HARD CASE FOR AX80  
1,082 (W) x 457 (H) x 135 (D) mm



## SOFT CASE

- SC-X70** SOFT CASE FOR AX73, MX73, X7000  
1,150 (W) x 420 (H) x 100 (D) mm



- SC-X80** SOFT CASE FOR AX80  
1,060 (W) x 410 (H) x 120 (D) mm



- SC-X2000** SOFT CASE FOR EWV2000 & EW1000/EV1000  
640 (W) x 340 (H) x 140 (D) mm



- SC-X614** SOFT CASE FOR MG614, MPC60  
600 (W) x 500 (H) x 220 (D) mm



## DUST COVER

- DC-X80** DUST COVER FOR AX80



- DC-X12** DUST COVER FOR MG1212, MG1214



## STAND

- SD-X18** SYNTHESIZER STAND  
800 (W) x 590~900 (H) x 275 (D) mm



- SD-X14** STAND FOR ML14, MPX820  
500 (W) x 740~1,020 (H) x 160 (D) mm



- SD-X12** STAND FOR MG1212, MG1214  
855 (W) x 705 (H) x 700 (D) mm







## ME35T AUDIO/MIDI TRIGGER

*An Audio to MIDI Trigger Converter that Gives you a New Range of Expressive Control.*

The ME35T is 1U rackmount device which converts audio signals to MIDI signals (channel, note, dynamic velocity, on time, recovery time, etc.). The ME35T can be used with electric drum pads or with acoustic drums via a microphone. Eight different parameter settings allow you to adjust and control the signals to be generated. By using the ME35T to drive digital samplers and synthesizers you can create a variety of astounding effects. The ME35T goes beyond being

just an audio to MIDI converter, it will open a new world of musical expression.

**<ME35T FEATURES>** •Parameters: MIDI channel (1~16), sensitivity, capture time (0~20m secs.), on time (maximum 1sec.), MIDI note (0~127), Trigger (0~99), recovery time (0~20m secs.), velocity curve (1~8) •Connectors: AUDIO TRIGGER INPUT x 8, MIDI IN x 1, MIDI OUT x 1, MIDI THRU x 1 •Dimensions: 482.6(W) x 47.7(H) x 120(D) mm (EIA 1U rackmount) •Weight: 2kg



## ME25S MIDI PROGRAMMABLE NOTE SEPARATOR

*Convert Your MIDI Keyboard into a Multi-Split Master Keyboard*

The ME25S will accept any MIDI signal and split it up into four sections which can then drive four different sound generators. Each section can be set to a different MIDI channel and octave shifted over a wide 6 octave range. Each of the 64 memory banks will memorize the split point, MIDI channel, program change, octave shift, and modulation wheel settings. Additional uses of the ME25S in-

clude sequential program changing, key overlapping, octave doubling, programmable effect changes, etc.

**<ME25S FEATURES>** •Programmable parameters: MIDI channel, split point, program change, octave shift, mod. wheel •Internal memory: 64 banks •Connectors: MIDI IN x 1, MIDI OUT x 2, MIDI THRU x 1, BANK UP •Dimensions: 482.6(W) x 47.7(H) x 120(D) mm (EIA 1U rackmount) •Weight: 1.8kg



## MB76 PROGRAMMABLE MIX BAY

*Experience the Power of MIDI Automation with this 7 IN/6 OUT Programmable Mix Bay*

The MB76 is a fully programmable mix bay with a 7 line audio in/6 line audio out mixing matrix. The volume level of each input can be programmed as well as its assignment to any or all of the 6 outputs. The gain control on each line input is adjustable from -28dB to +3dB in 12 steps (including the OFF position). Up to 32 banks or "snapshot" settings of all line input levels and channel output assignments can be stored in memory. Pro-

gram change can be done using either MIDI or a footswitch for easy automation and instant recall.

**<MB76 FEATURES>** •Trim gain: +3~-28 dB  $\infty$  (12 steps) •Connectors: MIDI IN x 1, MIDI OUT x 1, MIDI THRU x 1, LINE IN x 7, LINE OUT x 6, BANK UP •Dimensions: 482.6(W) x 47.7(H) x 120(D) mm (EIA 1U rackmount) •Weight: 2kg



## PEQ6 PROGRAMMABLE EQUALIZER

*A 6 Channel Programmable 7 Band Equalizer Ideal for Shaping Synthesizer Sounds or for EQ Automation*

The PEQ6 is a programmable equalizer with six independent channels. Each channel has a 7 band equalizer and associated line in/out jacks. The equalizer center frequencies are 63Hz, 160Hz, 400Hz, 1kHz, 2.5kHz, 6.3kHz, 16kHz and can be attenuated or boosted  $\pm 12$ dB. The PEQ6 is completely programmable and can store 32 banks of six channel EQ data. Program changes between banks can be selected by MIDI

or with a footswitch making it easy to create resonant EQ settings for synthesizer patches or perform automated EQ.

**<PEQ6 FEATURES>** EQ: gain  $\pm 12$ dB ( $\pm 1$ dB) 1dB step/63Hz, 160Hz, 400Hz, 1kHz, 2.5kHz, 6.3kHz 16kHz ( $\pm 20\%$ , Q=3.5) •Connectors: MIDI IN x 1, MIDI OUT x 1, MIDI THRU x 1, LINE IN x 6, LINE OUT x 6, BANK UP •Dimensions: 482.6(W) x 47.7(H) x 120(D) mm (EIA 1U rackmount) •Weight: 2kg



## ME30PII MIDI PROGRAMMABLE PATCH BAY

*Make Instant Patch Changes with this 4 IN/8 THRU Programmable MIDI Patch Bay.*

ME30PII is a 4 IN/8 THRU programmable MIDI patch bay that will store up to 32 banks of patch setups that can be quickly recalled when needed. Two ME30PIIs can function together to create a 6 IN/14 THRU MIDI patch bay. In addition, a MIDI merge function allows you to drive a sound generator from two MIDI con-

trollers simultaneously such as a keyboard and a sequencer.

**<ME30PII FEATURES>** •Internal memory: 32 banks •Connectors: MIDI IN x 4, MIDI THRU x 8, BANK UP/DOWN •Dimensions: 428.6(W) x 47.7(H) x 120(D) mm (EIA 1U rackmount) •Weight: 1.9kg



## AR900 MIDI STEREO DIGITAL REVERB

*A 16 Bit Digital Reverb and a Wireless Remote Control.*

The AR900 is a high quality 16 bit digital reverb with 20 preset reverb programs. Numerous variations may be created by adjusting the pre delay and the reverb time settings on the front panel. These variations can then be stored in any of the 79 user memories for a total of 99 programs including the 20 presets. Programs may be selected by MIDI, a foot switch, or with the infrared remote control accessory. A dual 7 band programmable graphic EQ can be used independently or in conjunction with the digital reverb to enhance the reverb sounds. The AR900 with its wide selection of useful programs has numerous applica-

tions in both the studio and on stage.

**<AR900 FEATURES>** •8 program algorithms, 12 factory variations provide a selection of simulated ambient environments. •Independent dual 7 band graphic equalizer. •Sampling resolution and frequency: 16 bit PCM, 39.0625 kHz •Pre delay time: 0.01~210msec. •Reverb time: 1~16sec. •Equalizer section: 7 band 2 channel graphic equalizer.  $\pm 12$ dB •Frequency response-Dry: 20Hz~25kHz,  $\pm 3$ dB, Effect: 30Hz~16kHz,  $\pm 2$ dB •Connectors: LOOP SEND x 2, LOOP RECEIVE x 2, REV IN x 2, EQ OUT x 2 •Programs-standard: 1~8, Factory variations: 9~20, User memories: 21~99 •Dimensions: 482.6(W) x 47.7(H) x 300(D) mm (EIA 1U rackmount) •Weight: 4kg

## EX SERIES Powerful Half-Rack Size Personal Recording Tools

EX65D DIGITAL DELAY  
EX70C COMPRESSOR/GATE  
EX75N NOISE REDUCTION  
EX80E ENHANCER  
EX85P PARAMETRIC EQUALIZER  
EX90R DIGITAL REVERB

The 6 new EX series half-rack processors will add a new dimension of sound processing capabilities to your personal recording system giving you the ability to create professional quality sound recordings. These powerful and compact devices contain features such as ON/OFF foot switching and can generate a wide variety of sound processing needed for today's recordings.

**<EX65D FEATURES>** •Frequency response—Direct: 10Hz~60kHz (+1, -3dB), Delay: 20Hz~16kHz (+1, -3dB) •Delay time: 1~1,024msecs. •Delay time range: 2, 8, 32, 128, 512msecs.

**<EX70C FEATURES>** •Compressor attack time: 0.2msecs.~40msecs. •Release time: 40msecs.~1.5secs. •Maximum compression: 32dB •Gate decay time: 5msecs.~1.5secs.

**<EX75N FEATURES>** •Frequency response: 10Hz~30kHz •Residual noise: -92dBv (IHF-A, ratio 1:1) •Ratio 1:1~1:8 •Attack Time: under 0.3msec. •Decay time: 0.2~2sec. •Low pass filter: 200Hz~5kHz (6dB/oct)

**<EX80E FEATURES>** •Frequency response—Direct: 10Hz~60kHz (+1, -3dB), High pass: 1Hz~5kHz (harmonic generation) •Residual Noise: -79dBv (IHF-A, maximum mix volume), -108dBv (IHF-A minimum mix volume) •Filter: 1kHz~5kHz (-12dB/oct)

**<EX85P FEATURES>** •S/N: 85dB (flat) •Frequency response: 10Hz~30kHz •Residual noise: -95dBv (IHF-A, flat) •EQ/LOW: 40Hz (fixed),  $\pm 14$ dB, Q=0.5/MID LOW: 60Hz~5kHz,  $\pm 18$ dB, Q=1~6/MID HI: 100Hz~10kHz,  $\pm 18$ dB, Q=1~6/HI: 12kHz (fixed)  $\pm 14$ dB, Q=0.5

**<EX90R FEATURES>** •Frequency response-Reverb: 40Hz~16kHz (-5, +3dB), Dry 10Hz~30kHz ( $\pm 3$ dB) •Residual noise: below -100dBv (JIS-A, WTD) •Sampling rate: 39.0625kHz 12 bit PCM (Frequency response compressed) •Room size programs: 8 (large hall, loft, large room, gate, small hall, small room, plate, reverse) •Pre delay time: 0.01~200sec. •Gate time: 0.01~10sec. •High cut filter: 1kHz~16kHz (20dB/oct)

•Dimensions for all above half rackmount effects: 210(W) x 44(H) x 158(D) mm





# MIDI CONTROLLER SEQUENCER/DRUM MACHINE



## MX76 MIDI MASTER KEYBOARD

The MX76 MIDI Master Keyboard features weighted piano touch keys and a wide 76 note keyboard for maximum playing versatility. The keyboard can be split into four key groups. Each key group can be assigned various MIDI parameters such as the MIDI channel, program change, velocity, wheel, etc. Other relevant parameters may be programmed as well including the key range, key split, key transpose, pitch bend memory, label, memo, etc. The entire parameter setups can be stored as a "library" bank, and 50 library banks can be stored in memory. You can select and prioritize the order of 20 libraries and store these in a "packet" memory for later recall during a live performance. The quick parameter call function keys and the large 40 character x 8 line LCD display allow quick viewing and editing of keyboard setups. In addition, your keyboard performance can be merged with incoming data on the MIDI IN allowing you to easily control external MIDI instruments.

*A Professional Master Keyboard Designed to be the Command Center of Your MIDI Setup.*

<MX76 FEATURES> •Wide 76 key range (E~G, with dynamic velocity key pressure function). •40 character x 8 line liquid crystal graphic display. •Select up to 128 programs from any external MIDI sound generator. •Up to 4 key group splits can be programmed. Each group can be assigned MIDI parameters, key range, transpose, bend, modulation ON/OFF etc. These key groups and settings can be stored together as a "library". Up to 20 library setups may be selected and prioritized and stored in a "packet" memory. The [UP], [DOWN] keys, and the footswitch connected to the jack labeled [LIB UP/DOWN] allow for easy switching between memories. There are also 50 "bullet" memories which are separate from the keyboard and for each bullet memory you can memorize two of the following functions: a note, a program change number or bend data •Internal memory: Battery back up. Packet/20 setups x 4, Library/50 banks •External memory: 16K IC memory card (BR-16), packet/20 setups x 4 x 2, Library/50 banks x 2 •Connector jack: MIDI IN x 1, MIDI OUT x 2, FOOT SWITCH x 4, FOOT VOLUME x 4, SUSTAIN, LIBRARY UP/DOWN •Dimensions: 1281 (W) x 110 (H) x 341 (D) mm •Weight: 23 kg

## MPC60 MIDI PRODUCTION CENTER

The MPC60 is a creative production tool designed to be the control center of an entire MIDI network. The MPC60 combines the power of a large MIDI sequencer, a professional quality digital drum machine, an impressive 320 character graphic display and intuitive operating system together in one unit allowing you to easily assemble complex music productions. The sequencer has a large 60,000 note capacity and can be programmed in real time by using the velocity sensitive drum pads on the front panel or external MIDI devices. You can also program and edit complex music passages using the step input mode and the extensive editing features. Up to 99 sequences can be recorded with up to 99 tracks/sequence allowing large orchestration to be programmed using just the MPC60. The 40kHz sampling rate, 18kHz bandwidth, and enhanced 12bit format yield stunning audio fidelity. Drum sounds are reproduced with startling clarity, full frequency response, and extremely low noise. A built-in 32 channel programmable stereo drum mixer with echo send/return and graphic representation on the LCD of levels and panning locations adds a tremendous amount of versatility to this already impressive production tool.

*A Powerful Composition and Production Center Featuring a MIDI Sequencer and Digital Drum Machine*



<MPC60 FEATURES> •40 character x 8 line large liquid crystal graphic display screen. •3.5 inch 2DD disk drive. [SAMPLER SECTION] •Sampling rate: 40kHz •Sampling time: 13.1 seconds (Expandable up to 26.2 sec. with the optional EX003 memory expansion board) •Frequency response: 20Hz ~ 18kHz •Preset sound: 32 drum sounds •16 voices [SEQUENCER SECTION] •Number of notes: 60,000 •Timing resolution: 96 divisions/quarter note •Number of sequences: 99 •Number of tracks: 99/sequence •Song mode: 20 songs, maximum of 256 steps per song. •Sync mode: SMPTE, MIDI time code, MIDI clock, MIDI song position pointer, FSK24, Pulse 96, quarter note click •Connector jacks: REC IN x 1, ASSIGNABLE MIX OUT x 8, STEREO OUT x 2, ECHO SEND MIX OUT x 1, ECHO RETURN IN x 2 (R ch, L ch), SYNC IN x 1, SYNC OUT x 1, METRONOME OUT x 1, MIDI IN x 2, MIDI OUT x 4, FOOT SWITCH x 2 •Dimensions: 495 (W) x 127 (H) x 471 (D) mm •Weight: 10.5 kg •Accessories: 3.5 inch 2DD x 4 (drum sound data)

## EVI1000 ELECTRIC VALVE INSTRUMENT

## EWI1000 ELECTRIC WOODWIND INSTRUMENT

## EWV2000 SOUND MODULE for EVI & EWI

*Expressive Wind Synthesis with Rich Warm Analog Sounds*



The AKAI Electric Woodwind and Valve Instruments allow you to play electronic music with a fantastic new degree of sensitive expression and dynamics. The ability to play continuously growing lyrical lines that convey the deepest human expression, make these instruments the ideal choice for those seeking new and individualistic sounds in this digital era. The EHV2000 contains 2 programmable monophonic synthesizers and can be controlled by either the EVI1000 brass type controller or the EWI1000 woodwind type controller. Lip sensors on the mouthpiece gives you expressive capability that approaches that of acoustic instruments. There are also numerous additional expressive controls including bend, glide, vibrato, etc. It is also possible to combine these instruments with external synthesizers and samplers to create unlimited new sonic possibilities.

<EVW2000 FEATURES> •Special sensor controlled programmable analog synthesizer. •2 VCO sound generators. •16 character built-in Liquid Crystal Display. •64 sound memory •EXT IN and MIDI OUT. By feeding back an external MIDI sound generator to the EXT IN, the EVI1000 and EWI1000 can shape the external sound with the EHV2000's VCA. •Connector jack: INSTRUMENT (for EVI1000, EWI1000), PROGRAM UP/DOWN, PHONES, LINE OUT, EXT IN, MIDI OUT, TAPE IN, TAPE OUT •Dimensions: 420 (W) x 103 (H) x 195 (D) mm •Weight: 3.7 kg

<EVI1000 FEATURES> •Valve controller with special sensors. •Wide range of over 7 octaves. •Sensors: breath, bend, glide, vibrato •Dimensions: 420 (length) x 103 (diameter of roller) x 90 (depth of roller) mm •Weight: 650 g •Accessories: EHV2000 connector cable (3m), Cloth, and Driver.

<EWI1000 FEATURES> •Woodwind controller with special sensors. •Wide range of over 7 octaves. •Sensors: breath, bend, glide, vibrato •Dimensions: 560 (Length) x 32 (W) x 79 (Depth) mm •Weight: 650 g •Accessories: EHV2000 connector cable (3m), Slinger, Cloth, and Driver.

## ASQ10 DIGITAL SEQUENCER

*An Extensive MIDI Sequencer with 60,000 Note Capacity, 99 Sequences/ 99 Tracks, and an Intuitive Operating System*



The ASQ10 is a dedicated top-of-the-class digital sequencer and a companion to the MPC60 MIDI Sequencer/Digital Drum Machine. It contains the same powerful sequencing and editing features of the MPC60 demanded by professionals including a 60,000 note capacity, a wide selection of sync modes including SMPTE, 3.5" built-in disk drive, and powerful step recording and editing features. It also has a large 8 x 40 line LCD

that functions as an "access window" allowing fast and efficient operation of the ASQ10. The intelligent design, simple operation, and the ability of the ASQ10 to control a large MIDI network will give you the power and freedom to explore the depths of your creativity.

<ASQ10 FEATURES> •60,000 note capacity. •99 sequences (each sequence can have up to 99 tracks). •A variety of sync modes including SMPTE, MIDI time code, MIDI clock, MIDI song pointer, FSK24, Pulse 96, quarter note click. •40 Characters x 8 lines large Liquid Crystal Display installed. •4 independent MIDI OUTs, 2 independent MIDI INs. •Dimensions: 344 (W) x 131 (H) x 393 (D) mm •Weight: 6.5 kg



SOUND LIBRARY SL601~ FOR MPC60



**SD-X65** RACK FOR EX SERIES  
213(W) × 319(H) × 150(D) mm



## CABLE

**DD-X25** MIDI CABLE (2.5m)  
**DD-X50** MIDI CABLE (5.0m)



**DD-X5013** 13 PIN DIN CABLE (5.0m)



**VW-X6** DIN/PHONE CONVERTER CABLE  
(2.0m)



**EW-X70** EWI CONNECTOR CABLE (7.0m)  
**EV-X70** EVI CONNECTOR CABLE (7.0m)



**AL-X70** LOCATOR CABLE (7.0m)



## FOOT SWITCH

**PS-X80** FOOT SWITCH



## REMOTE CONTROL

**RC-X9** REMOTE CONTROL UNIT (WIRELESS)



**RC-X3** REMOTE CONTROL UNIT (WIRED)



## AC ADAPTER

**MP-012** AC ADAPTER FOR EX SERIES



## 1/2" CASSETTE TAPE

**MK20** 1/2 INCH CASSETTE TAPE



## BLANK DISK

**BL1000** 3.5 INCH 2HD BLANK DISK



**BL350** 3.5 INCH 2DD BLANK DISK



**BL100** 2.8 INCH BLANK DISK



## MEMORY CARD

**BR-16** 16K IC CARD FOR VX600, MX76



## SAMPLING

**EXM 006** MEMORY EXPANSION BOARD  
FOR S950



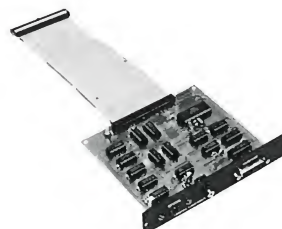
**EXM005** MEMORY EXPANSION BOARD  
FOR S1000



**EXM003** MEMORY EXPANSION BOARD  
FOR MPC60



**IB-105** ATARI-SUPRA/CD-DAT  
INTERFACE BOARD FOR S950



**IB-104** DIGITAL AUDIO INTERFACE  
BOARD FOR S1000



**IB-103** SCSI HARD DISK INTERFACE  
BOARD FOR S1000



**IB-102** ATARI/SUPRA HARD DISK  
INTERFACE BOARD FOR S1000



**IB-101A/S** ATARI/SUPRA HARD DISK  
INTERFACE BOARD FOR S900

**S9V4.0** SYSTEM DISK FOR S900

AKAI ELECTRIC CO., LTD.  
Electronic Musical Instrument Div.  
335 Kariyado, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan.  
■ For improvement purposes, specifications and design are subject to change without notice.

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